

STN 8 Caplus, Japio
STN/Columbus

(FILE 'HOME' ENTERED AT 19:47:51 ON 04 APR 2006)

FILE 'CAPLUS' ENTERED AT 19:48:00 ON 04 APR 2006

L1 2446 S RETICLE?
L2 1386449 S ETCH? OR PATTERN? OR REMOV?
L3 3695505 S VIA# OR PLUG# OR PILLAR# OR STUD# OR CONTACT#
L4 933243 S LINE#
L5 20 S L1 AND L2 AND L3 AND L4
L6 1215394 S VIA OR VIAS OR PLUG OR PLUGS OR PILLAR OR PILLARS OR STUD OR
L7 16 S L1 AND L2 AND L6 AND L4

FILE 'JAPIO' ENTERED AT 19:50:03 ON 04 APR 2006

L8 2 S L7

FILE 'INSPEC' ENTERED AT 19:50:15 ON 04 APR 2006

L9 8 S L7

FILE 'CAPLUS' ENTERED AT 19:50:35 ON 04 APR 2006

L10 65325 S IMD OR ILD OR INTERLAYER? OR INTERLEVEL? OR INTER(W) (LAYER? O
L11 259568 S L2 AND (SIO OR SIO2 OR SI3N4 OR NITRIDE? OR OXIDE? OR PSG OR
L12 9981 S L2 AND L10
L13 40355 S (L11 OR L12) AND L6
L14 1036 S L10(10A) (NM OR NMS OR NANOMETER? OR NANO(W)METER?)
L15 65 S L12 AND L14
L16 21092 S (NM OR NMS OR NANOMETER? OR NANO(W)METER?) (10A) (SIO OR SIO2
L17 2322 S L11 AND L16
L18 360 S L6 AND L17
L19 10 S L15 AND L6
L20 367 S L19 OR L18
L21 58 S L20 AND LINE?
L22 45 S L20 AND LINE#
L23 322 S L20 NOT L22
L24 64 S L23 AND (RETICLE? OR ALUMINUM OR ALCU OR ALSI OR ALSICU OR AL
L25 258 S L23 NOT L24
L26 66 S L25 AND (WIRING? OR METAL?)
L27 192 S L25 NOT L26
L28 192 S L6 AND L27
L29 12 S L28 AND (DRAM OR SRAM OR FERAM OR FRAM OR RAM OR CAPACITOR? O
L30 83 S L28 AND (SEMICONDUCT? OR WAFER? OR CHIP?)
L31 77 S L30 NOT L29
L32 103 S L28 NOT (L29 OR L30)

FILE 'JAPIO' ENTERED AT 20:03:44 ON 04 APR 2006

L33 43 S L20

FILE 'CAPLUS' ENTERED AT 20:04:26 ON 04 APR 2006

L34 158755 S MASK# OR PHOTOMASK# OR PHOTORESIST# OR RESIST#
L35 1073 S L2 AND L3 AND L34 AND EXPOSURE
L36 11 S L2 AND L6 AND L34 AND (EXPOSUR?(5A) (INTENSIT? OR LEVEL?))
L37 12590 S (1ST OR FIRST) (3A) L6
L38 9654 S (2ND OR SECOND) (3A) L6
L39 3 S (1 ST) (3A) L6
L40 1 S (2 ND) (3A) L6
L41 11 S L35 AND L37 AND L38
L42 11 S L41 NOT L36
L43 42 S L35 AND (L37 OR L38)
L44 30 S L43 NOT (L42 OR L36)

FILE 'JAPIO' ENTERED AT 20:08:50 ON 04 APR 2006

L45 892 S L35

STN Columbus

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| L46 | 21 S L36 OR L41 OR L43 |
| L47 | 871 S L45 NOT L46 |
| L48 | 404 S L47 AND (SEMICONDUCT? OR WAFER? OR CHIP?) |